

IN THE SPECIFICATION

Please replace the paragraph beginning at page 24, line 1, to page 25, line 16, with the following rewritten paragraph:

The main power supply 6 and a main body electric board 715 on which controllers including a CPU for controlling the image forming apparatus 1 and controller boards are provided in the space between the insulating member 713 and the back face wall 714. A fan 716 for cooling the CPU is provided at a upper portion of the space, the fan 716 piercing the back face wall 714. As shown in the side cross-sectional view in FIG. 6, since a ventilation aperture 717 is provided on the back face wall 714 below the secondary power supply circuit 712, air flows in through the ventilation aperture 717, rises along the insulating member 713 as indicated by an arrow, and flows out by the fan 716 thereby to cool the secondary power supply circuit 712. Because the fan 716 is used to cool the CPU, no fan needs to be provided in the secondary [[poer]] power supply 7. In addition, the capacitor 701 can be cooled by providing a ventilation aperture 718 on the insulating member 713 of the capacitor module 711.

Please replace the paragraph at page 30, lines 10-20, with the following rewritten paragraph:

The ventilation aperture 707 and the fan unit 708 can prevent the temperature of the capacitor 701 from being increased by heat generated by an electric circuit constituting the secondary power supply 7 stored in the secondary power supply 7. If a radiation plate is provided on the capacitor 701, the cooling effect becomes more efficient. The rotation control unit [[706]] 709 can prevent the capacitor 701 from being cooled too much by the fan

unit 708, and at the same time. When the cooling is not needed, the rotation control unit [[706]] 709 also reduces the power consumption of the fan unit 708.

Please replace the paragraph beginning at page 32, line 15, to page 33, line 12, with the following rewritten paragraph:

As shown in the side sectional view in FIG. 12, the secondary power supply 7 may be disposed in a space covered by a ~~portioning~~ partitioning plate 726, the space being separated by the partitioning plate 11 of the paper feed unit 10, the paper feed tray 101, and the back face wall 714. In the case where the image forming apparatus has a space for storing A3 sized plain paper therein, but only A4 sized plain paper that is used more often is stored in the image forming apparatus, there may be idle space in the paper feed unit 10. The secondary power supply 7 may be disposed in the idle space so that the space in the image forming apparatus can be used efficiently, and the image forming apparatus may be made compact. At the same time, the effect of the heat generated by the fixing unit 5 can be reduced, and moisture is prevented from being condensed due to rapid heating of the fixing unit 5 immediately after the starting-up. As shown in the top view of FIG. 13, a guide rail for the paper feed tray may be provided on the partitioning plate 726 so that the paper feed tray 101 can be loaded as well. The second power supply 7 may preferably be separated into the capacitor module 711 and the secondary power supply circuit 712, and the capacitor module 711 is insulated from the heat generated by the secondary power supply circuit 712.

Please cancel the original Abstract at page 40, prenumbered 1-14 in its entirety, and insert therefor the following replacement Abstract on a separate sheet as follows: